

Amendments to the Claims: This listing of claims will replace all prior versions, and listings, of claims in the application

Listing of Claims:

1. (Currently Amended) A bone plate assembly utilizing at least one bone screw for fixation of adjacent bones of a spine comprising: a base plate including at least one aperture defining a through opening extending through the base plate; and a screw retaining mechanism mounted and rotatable within said aperture between locked and unlocked positions relative to said through opening for preventing the bone screw from backing out from said base plate, wherein said screw retaining mechanism includes a center axis and an opening eccentric to said center axis and wherein said screw retaining mechanism is positioned within the aperture such that the center axis extends through the through opening and rotatable within said aperture about said center axis between said locked and unlocked positions, wherein said opening of said screw retaining mechanism is eccentric with said through opening of said base plate when in said locked position and said opening of said screw retaining mechanism is concentric with said through opening of said base plate when in said unlocked position.
2. (Original) The bone plate assembly according to claim 1, wherein said base plate further includes a longitudinal axis defined by a first end and a second end and a length along said axis sufficient to span between the adjacent vertebrae, said base plate further including an upper and a lower surface, said lower surface being adapted to engage the bones.
3. (Original) The bone plate assembly according to claim 2, wherein said base plate is curved transverse to said longitudinal axis to conform the bone plate to the curvature of the vertebrae.
4. (Original) The bone plate assembly according to claim 1, wherein said at least one aperture is selected from the group consisting of a circular hole, a bore, a slot, and polygonal opening.
5. (Original) The bone plate assembly according to claim 3, wherein said bore includes at least one internal recess disposed in at least one of said upper and lower surfaces of said plate.
6. (Original) The bone plate assembly according to claim 3, wherein said at least one aperture disposed between said ends of said bone fixation plate is disposed along said longitudinal axis of said bone fixation plate.

7. (Previously Presented) The bone plate assembly according to claim 3, wherein said at least one aperture is an elongated slot disposed at a substantially acute angle with respect to said longitudinal axis of the base plate.
8. (Original) The bone plate assembly according to claim 4, wherein said aperture includes an outer edge.
9. (Cancelled)
10. (Currently Amended) The bone plate assembly according to claim 1, wherein said screw retaining mechanism is selected from the group consisting of a washer, ring, clip, and disk.
- 11.-12. (Cancelled)
13. (Withdrawn) The bone plate assembly according to claim 10, wherein said screw retaining mechanism includes a tab for engaging said at least one groove located along an outer edge of said aperture of said base plate.
14. (Withdrawn) The bone plate assembly according to claim 13, wherein said tab engages said at least one groove to provide for said locked and unlocked positions.
15. (Previously Presented) The bone plate assembly according to claim 1, wherein said screw retaining mechanism partially blocks a portion of the screw disposed in said through opening thereby defining said locked position.
16. (Previously Presented) The bone plate assembly according to claim 1, wherein said screw retaining mechanism does not block a portion of the screw disposed in said through opening thereby defining said unlocked position.
17. (Previously Presented) The bone plate assembly according to claim 1, wherein said screw retaining mechanism is flush with an outer surface of said base plate.
- 18.-20. (Cancelled)
21. (Previously Presented) The bone plate assembly according to claim 1, wherein said aperture is defined by a wall including a groove radially and outwardly recessed in said wall and said screw retaining mechanism is within said groove and said screw retaining mechanism is a C-shaped washer that is collapsible to be inserted into said groove of said aperture.

22.-60. (Cancelled)

61. (Previously Presented) A bone plate assembly utilizing at least one bone screw for fixation of adjacent bones of a spine comprising:

a base plate including at least one hole extending therethrough;

insert means operatively engaged within said at least one hole for accommodating the bone screw and a screw retaining mechanism mounted and rotatable within said insert means between locked and unlocked positions relative to said insert means for preventing the bone screw from backing out from said base plate.

62.-66. (Cancelled)